



**GARY R. HERBERT**  
Governor

**GREG BELL**  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

**MICHAEL R. STYLER**  
Executive Director

### Division of Oil, Gas and Mining

**JOHN R. BAZA**  
Division Director

Representatives Present During the Inspection:

OGM Pete Hess

## Inspection Report

Permit Number:	C0070022
Inspection Type:	COMPLETE
Inspection Date:	Wednesday, June 22, 2011
Start Date/Time:	6/22/2011 7:58:00 AM
End Date/Time:	6/22/2011
Last Inspection:	Monday, May 23, 2011

Inspector: Pete Hess

Weather: Clear, to be 90 degrees F today.

InspectionID Report Number: 2782

Accepted by: jhelfric

7/11/2011

Permittee: **SAVAGE SERVICES CORP**

Operator: **SAVAGE SERVICES CORP**

Site: **SAVAGE COAL TERMINAL**

Address: **6340 S 3000 E STE 600, SALT LAKE CITY UT 84121**

County: **CARBON**

Permit Type: **PERMANENT COAL PROGRAM**

Permit Status: **ACTIVE**

#### Current Acreages

153.46	<b>Total Permitted</b>
132.50	<b>Total Disturbed</b>
	<b>Phase I</b>
	<b>Phase II</b>
	<b>Phase III</b>

#### Mineral Ownership

- ☐ Federal  
☐ State  
☐ County  
☐ Fee  
☒ Other

#### Types of Operations

- ☒ Underground  
☒ Surface  
☒ Loadout  
☐ Processing  
☐ Reprocessing

Report summary and status for pending enforcement actions, permit conditions, Division Orders, and amendments:

Mr. Vic Fossat represented Savage Services Corporation during todays inspection.

Inspector's Signature:

*Pete Hess*

Pete Hess,

Inspector ID Number: 46

Date

Wednesday, June 22, 2011

Note: This inspection report was created by the Division of Oil, Gas and Mining. It is a public document and its contents are subject to public review. The information provided is for informational purposes only and does not constitute a guarantee or warranty of any kind. The Division of Oil, Gas and Mining is not responsible for any errors or omissions in this report. For more information, please contact the Division of Oil, Gas and Mining at (801) 538-5340 or visit our website at [www.ogm.utah.gov](http://www.ogm.utah.gov).



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## Inspection Continuation Sheet

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### REVIEW OF PERMIT, PERFORMANCE STANDARDS PERMIT CONDITION REQUIREMENTS

1. Substantiate the elements on this inspection by checking the appropriate performance standard.
  - a. For COMPLETE inspections provide narrative justification for any elements not fully inspected unless element is not appropriate to the site, in which case check Not Applicable.
  - b. For PARTIAL inspections check only the elements evaluated.
2. Document any noncompliance situation by reference the NOV issued at the appropriate performance standard listed below.
3. Reference any narratives written in conjunction with this inspection at the appropriate performance standard listed below.
4. Provide a brief status report for all pending enforcement actions, permit conditions, Division Orders, and amendments.

	Evaluated	Not Applicable	Comment	Enforcement
1. Permits, Change, Transfer, Renewal, Sale	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Signs and Markers	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Topsoil	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.a Hydrologic Balance: Diversions	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.b Hydrologic Balance: Sediment Ponds and Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.c Hydrologic Balance: Other Sediment Control Measures	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.d Hydrologic Balance: Water Monitoring	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4.e Hydrologic Balance: Effluent Limitations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Explosives	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Disposal of Excess Spoil, Fills, Benches	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Coal Mine Waste, Refuse Piles, Impoundments	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8. Noncoal Waste	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Protection of Fish, Wildlife and Related Environmental Issues	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Slides and Other Damage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Contemporaneous Reclamation	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Backfilling And Grading	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14. Subsidence Control	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Cessation of Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.a Roads: Construction, Maintenance, Surfacing	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16.b Roads: Drainage Controls	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17. Other Transportation Facilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18. Support Facilities, Utility Installations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19. AVS Check	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
20. Air Quality Permit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21. Bonding and Insurance	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Permits, Change, Transfer, Renewal, Sale**

The State of Utah permit issued by the Division remains in effect through August 6, 2014. There are no pending revisions under review at this time.

**3. Topsoil**

The topsoil and subsoil piles located adjacent to the four fine coal slurry impoundments are showing improved growth this spring. According to weather data, Utah had the wettest spring in recorded history in 2011.

**4.b Hydrologic Balance: Sediment Ponds and Impoundments**

The First Quarter 2011 Impoundment inspections for the sites nine water impounding structures were completed by Mr. Dan Guy, P.E., on March 29, 2011. Sediment Pond #1 was re-certified at this time, as the Permittee had recently completed cleaning of the structure. Pond 1 is used as a water re-cycling impoundment to produce make-up water for the wash plant cycles. Pond #1 contained water this day, but its elevation was not close to discharging. Ponds #2 and #3 were dry. Pond #6 was receiving water from Pond #1. Pond #5 contained water, with its elevation well below discharge to pond #6. The March 29, 2011 inspections reported all ponds as stable, with no indication of erosion or other hazardous conditions. Mr. Guy conducted the second quarter impoundment inspections on June 30, 2011; those reports remains pending at this time.

**4.d Hydrologic Balance: Water Monitoring**

The first quarter of 2011 water data for the SCT permit area has been uploaded into the permanent data base. Well S-2-GW had data reported for the sample date, 2/23/2011. All other monitoring points were reported as dry or no flow situations.

**4.e Hydrologic Balance: Effluent Limitations**

The current UPDES site for this facility remains in effect through April 30, 2013. Discharge monitoring reports for the months of March, April and May of 2011 were reviewed. All reports were reported as "no flow" at outfall 001 (sediment pond #6, open ditch to permit boundary). As observed this day, the ditch was muddy, probably due to spillage from the filling of the water truck.

**5. Explosives**

There are no explosive or detonator storage magazines at this facility.

**7. Coal Mine Waste, Refuse Piles, Impoundments**

Two double trailer trucks were waiting to be loaded with refuse material from the Savage pile, for shipment to the Sunnyside Co-Gen facility. The first quarter 2011 waste rock pile inspection was completed on March 29, 2011 by Mr. Dan Guy, P.E. No hazards were reported; no water is being impounded on top of the pile. Drainage controls are in place and appear capable of functioning as designed. Settling pond #3 had recently been mucked, but had been returned to service; settling pond #4 is scheduled for cleanout. The cleanout material is allowed to dry between the slurry cells and the #1 truck dump. It is then hauled up to the refuse area for shipment to Sunnyside.

**13. Revegetation**

See comment in Section 3.

**17. Other Transportation Facilities**

The Permittee is shipping two unit trains per day from this facility.

**19. AVS Check**

The hiring of Mr. Garth Nielson as General Manager at this facility is the last known change in the Savage Services management team. Mr. H. Benson Lewis remains as the identified resident agent for this facility.

**20. Air Quality Permit**

The current air quality permit for this facility is DAQE-AN1793003-06; it was approved by the Utah Division of Air Quality on August 16, 2011. The Permittee has obtained a second water truck for the control of fugitive dust at this site. Machine mounted brooms are also used to sweep paved areas to reduce fugitive dust emissions.

**21. Bonding and Insurance**

The current general liability insurance for this facility was renewed in April of 2011 for one year. The new policy meets the requirements for liability insurance established in the R645 Coal Mining Rules.